

AMENDMENTS TO THE CLAIMS:

Please amend Claims 1, 6-7 and 12-13 as follows:

1. (Amended) A method for providing and processing a cursored user interaction with a spatially displayed medical image and for performing image processing on such said medical image, said method comprises the steps of:

providing a menu-less graphical interface having a plurality of sensitive areas positioned at predetermined relative positions with respect to an associated medical image display field; and

controlling a mouse configured such that being characterized in that mouse positionings and/or actuations of said mouse will within said plurality of sensitive areas allows activation and control of a plurality of inherent processing functionalities as immediately actuating respectively associated with each of said plurality of specific sensitive areas at predetermined relative positions with respect to an associated medical object display field.

2. (Original) A method as claimed in Claim 1, for selecting grey range and/or color range windowing through geometrical mouse positioning.

3. (Original) A method as claimed in Claim 1, for selecting image mirror or rotation transformations.

4. (Original) A method as claimed in Claim 1, for selecting image zoom or pan transformations.

5. (Original) A method as claimed in Claim 1, for selecting shutter masking of the display field.

6. (Amended) A method as claimed in Claim 1, for selectably navigating through a sequence of images that base on marginal stepping ~~viz à viz~~ with respect to an imaged object.

7. (Amended) An apparatus ~~being arranged for implementing a method as claimed in Claim 1 for effecting~~ providing and processing of cursored user interactions with a spatially displayed medical image and ~~for~~ producing graphics related data on such said medical image, said apparatus comprises: being characterized through sensing means for sensing mouse positionings and/or actuations feeding processing means to control inherent processing functionalities as immediately actuating respectively associated specific sensitive areas at predetermined relative positions with respect to an associated medical object display field.

menu-less graphical interface having a plurality of sensitive areas positioned at predetermined relative positions with respect to an associated medical image display field;

mouse configured such that positionings and/or actuations of said mouse within said plurality of sensitive areas allows activation and control of a plurality of inherent processing functionalities respectively associated with each of said plurality of sensitive areas; and

display means dimensioned for displaying said medical image and said menu-less graphical interface.

8. (Original) An apparatus as claimed in Claim 7, and having selection means for selecting grey range and/or color range windowing through geometrical mouse positioning.

9. (Original) An apparatus as claimed in Claim 7, and having selection means for selecting image mirror or rotation transformations.

10. (Original) An apparatus as claimed in Claim 7, and having selection means for selecting image zoom or pan transformations.

11. (Original) An apparatus as claimed in Claim 7, and having selection means for selecting edged shutter masking of the display field.

12. (Amended) An apparatus as claimed in Claim 8, and having navigation means for selectably navigating through a sequence of images that base on marginal stepping ~~viz à viz~~ with respect to an imaged object.

13. (Amended) A machine-readable computer program, said program being arranged for providing and processing a cursored user interaction with a spatially displayed medical image and for performing image processing on such an said medical image, for implementing a method as claimed in Claim 1, said computer program comprising the steps of:

providing a menu-less graphical interface having a plurality of sensitive areas positioned at predetermined relative positions with respect to an associated medical image display field;

controlling a mouse configured such that positionings and/or actuations of said mouse within said plurality of sensitive areas allows activation and control of a plurality of inherent processing functionalities respectively associated with each of said plurality of sensitive areas; and

~~being characterized by being arranged for sensing mouse positionings and/or actuations; and for on the basis thereon effecting inherent processing functionalities as being based on such positionings being respectively associated to one or more sensitive areas with respect to an associated medical object display field, and for subsequently~~

controlling outputting representations of said processing functionalities.